

2007 PUNJAB TECHNICAL UNIVERSITY M.B.A

M.B.A. (SEMESTER – 3TH / 4TH)
ADVANCED DECISION SUPPORT SYSTEM (MBA-544)

Time : 03 Hours
Maximum Marks : 75

Instruction to Candidates:

- 1) Section - A is Compulsory.
- 2) Attempt any Nine questions from Section - B.

Section - A

Q1) (15 x 2 = 30)

- a) What is Management Information system (MIS)?
- b) What is the difference between SUM and SUMIF command in EXCEL?
- c) Define a database model.
- d) Write the difference between structured and unstructured decisions.
- e) What are the three basic components of DSS?
- f) What is the role of forecasting packages in decision support system?
- g) In a MS-EXCEL file, what is the procedure for adding or deleting a worksheet?
- h) How do you insert a Bar chart or a line chart in EXCEL worksheet?
- i) What are the benefits of Data Base Management System (DBMS)?
- j) List the benefits of EXCEL in Business management.
- k) Name various statistical packages available in DSS.
- l) How is DSS different from Electronic Data Processing?
- m) What are the applications of DSS?
- n) What is the difference between MIS and DSS?
- o) Give the characteristics of effective DSS.

Section - B

(9 x 5 = 45)

- Q2) Enlist the unique features of MS-EXCEL? Give its applications in Business management.
- Q3) What is the role of DSS in Management decision making?
- Q4) What are the objectives of DSS? Explain the various subsystems in DSS.
- Q5) Write short notes on Group Decision Support Systems.
- Q6) Describe the various levels of Decision Support System.
- Q7) What are Simon's major contributions to DSS theory? Explain.
- Q8) Write steps to create application in EXCEL for keeping a record of 200 employees of an organization under the following heads: age, sex, department, designation and salary.
- Q9) How can Group Decision System facilitate group decision making?
- Q10) How can Executive support system enhance managerial decision making?
- Q11) Explain the features of data driven Decision Support System (DSS)
- Q12) What is the difference between Group Decision Support System (GDSS) and Decision Support System (DSS)?
- Q13) Write the function of following commands in EXCEL worksheet: SQRT, AVERAGE, COUNT, ATAN and STDEV